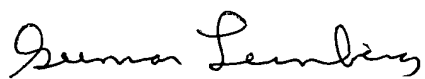


|   |  |   |           |  |                    |  |  |
|---|--|---|-----------|--|--------------------|--|--|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>   |  |   |           | Attorney Docket No. 4484/101   |                    |  |  |
|   |  |   |           | First Inventor James F. Munro  |                    |  |  |
| Title   |  | DISTANCE MEASURING SYSTEMS AND METHODS THEREOF                                      |           |  |                    |  |  |
| Express Mail Label No.  |  |   |           | EV138587963US  |                    |  |  |
| APPLICATION ELEMENTS  |  |   |           | ADDRESS TO: Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, Virginia 22313-1450 |                    |  |  |
| See MPEP chapter 600 concerning utility patent application contents.  |  |   |           |  |                    |  |  |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original and a duplicate for fee processing)</i><br>2. <input checked="" type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.<br>3. <input checked="" type="checkbox"/> Specification [Total Pages 22]<br><i>(preferred arrangement set forth below)</i><br>- Descriptive title of the invention<br>- Cross Reference to Related Applications <i>(if applicable)</i><br>- Statement Regarding Fed sponsored R & D <i>(if applicable)</i><br>- Reference to sequence listing, a table,<br>or a computer program listing appendix <i>(if applicable)</i><br>- Background of the Invention<br>- Brief Summary of the Invention<br>- Brief Description of the Drawings <i>(if filed)</i><br>- Detailed Description<br>- Claim(s)<br>- Abstract of the Disclosure<br>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 8]<br>5. Oath or Declaration [Total Pages 2]<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Unsigned<br>c. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i><br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s)<br>named in the prior application, see 37 CFR<br>1.63(d)(2) and 1.33(b)<br>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 |  |   |           |  |                    | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program (Appendix)<br>8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i><br>a. <input type="checkbox"/> Computer Readable Form (CRF)<br>b. Specification Sequence Listing on:<br>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies; or<br>ii. <input type="checkbox"/> paper<br>c. <input type="checkbox"/> Statements verifying identity of above copies |  |
| ACCOMPANYING APPLICATION PARTS  |  |   |           |  |                    |  |  |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i><br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i><br>16. <input type="checkbox"/> Nonpublication request under 35 U.S.C.<br>122(b)(2)(B)(i). Applicant must attach form<br>PTO/SB/35 or its equivalent.<br>17. <input type="checkbox"/> Other: _____   |  |   |           |  |                    |  |  |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ / _____<br>Prior application information: Examiner _____ Group / Art Unit: _____<br><b>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</b>  |  |   |           |  |                    |  |  |
| 19. CORRESPONDENCE ADDRESS  |  |   |           |  |                    |  |  |
| <input type="checkbox"/> Customer Number or Bar Code Label  |  |   |           | or <input checked="" type="checkbox"/> Correspondence address below  |                    |  |  |
| Name  |  | Nixon Peabody LLP   |           |  |                    |  |  |
| Address   |  | Clinton Square, P.O. Box 31051  |           |  |                    |  |  |
| City  |  | State   | NY        | Zip Code   | 14603-1051         |  |  |
| Country   |  | USA   | Telephone | (585) 263-1014   | Fax (585) 263-1600 |  |  |
| Name (Print/Type)   |  | Gunnar G. Leinberg  |           | Registration No. (Attorney/Agent) 35,584   |                    |  |  |
| Signature   |  |  |           | Date   | September 19, 2003 |  |  |

# FEE TRANSMITTAL FOR FY 2003

*Patent fees are subject to annual revision.*

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 465)

*Complete if Known*

|                      |                |
|----------------------|----------------|
| Application Number   | To Be Assigned |
| Filing Date          | Herewith       |
| First Named Inventor | James F. Munro |
| Examiner Name        | To Be Assigned |
| Art Unit             | To Be Assigned |
| Attorney Docket No.  | 4484/101       |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number: 14-1138

Deposit Account Name: Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 1001                  | 750                   | 2001                  | 375                   | Utility filing fee     | 375.00   |
| 1002                  | 330                   | 2002                  | 165                   | Design filing fee      |          |
| 1003                  | 520                   | 2003                  | 260                   | Plant filing fee       |          |
| 1004                  | 750                   | 2004                  | 375                   | Reissue filing fee     |          |
| 1005                  | 160                   | 2005                  | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)** (\$ 375)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

|                    |    |         | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|---------|--------------|----------------|----------|
| Total Claims       | 30 | -20** = | 10           | X 9            | = 90     |
| Independent Claims | 3  | -3** =  | 0            | X 42           | = 0      |
| Multiple Dependent |    |         |              | X 140          | = 0      |

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1202                  | 18                    | 2202                  | 9                     | Claims in excess of 20                                     |
| 1201                  | 84                    | 2201                  | 42                    | Independent claims in excess of 3                          |
| 1203                  | 280                   | 2203                  | 140                   | Multiple dependent claim, if not paid                      |
| 1204                  | 84                    | 2204                  | 42                    | ** Reissue independent claims over original patent         |
| 1205                  | 18                    | 2205                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$ 90)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1051                  | 130                   | 2051                  | 65                    | Surcharge - late filing fee or oath  |
| 1052                  | 50                    | 2052                  | 25                    | Surcharge - late provisional filing fee or cover sheet                     |
| 1053                  | 130                   | 2053                  | 130                   | Non-English specification  |
| 1812                  | 2,520                 | 1812                  | 2,520                 | For filing a request for <i>ex parte</i> reexamination                     |
| 1804                  | 920*                  | 1804                  | 920*                  | Requesting publication of SIR prior to Examiner action                     |
| 1805                  | 1,840*                | 1805                  | 1,840*                | Requesting publication of SIR after Examiner action                        |
| 1251                  | 110                   | 2251                  | 55                    | Extension for reply within first month                                     |
| 1252                  | 410                   | 2252                  | 205                   | Extension for reply within second month                                    |
| 1253                  | 930                   | 2253                  | 465                   | Extension for reply within third month                                     |
| 1254                  | 1,450                 | 2254                  | 725                   | Extension for reply within fourth month                                    |
| 1255                  | 1,970                 | 2255                  | 985                   | Extension for reply within fifth month                                     |
| 1401                  | 320                   | 2401                  | 160                   | Notice of Appeal   |
| 1402                  | 320                   | 2402                  | 160                   | Filing a brief in support of an appeal                                     |
| 1403                  | 280                   | 2403                  | 140                   | Request for oral hearing   |
| 1451                  | 1,510                 | 1451                  | 1,510                 | Petition to institute a public use proceeding                              |
| 1452                  | 110                   | 2452                  | 55                    | Petition to revive - unavoidable   |
| 1453                  | 1,300                 | 2453                  | 650                   | Petition to revive - unintentional   |
| 1501                  | 1,300                 | 2501                  | 650                   | Utility issue fee (or reissue)   |
| 1502                  | 470                   | 2502                  | 235                   | Design issue fee   |
| 1503                  | 630                   | 2503                  | 315                   | Plant issue fee  |
| 1460                  | 130                   | 1460                  | 130                   | Petitions to the Commissioner  |
| 1807                  | 50                    | 1807                  | 50                    | Processing fee under 37 CFR 1.17(q)  |
| 1806                  | 180                   | 1806                  | 180                   | Submission of Information Disclosure Stmt                                  |
| 8021                  | 40                    | 8021                  | 40                    | Recording each patent assignment per property (times number of properties) |
| 1809                  | 750                   | 2809                  | 375                   | Filing a submission after final rejection (37 CFR 1.129(a))                |
| 1810                  | 750                   | 2810                  | 375                   | For each additional invention to be examined (37 CFR 1.129(b))             |
| 1801                  | 750                   | 2801                  | 375                   | Request for Continued Examination (RCE)                                    |
| 1802                  | 900                   | 1802                  | 900                   | Request for expedited examination of a design application                  |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 0)

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☐ deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop \_\_\_\_\_, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450
- ☐ transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) \_\_\_\_\_

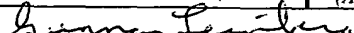
Date \_\_\_\_\_

Signature \_\_\_\_\_

Typed or printed name \_\_\_\_\_

## SUBMITTED BY

*Complete (if applicable)*

|                   |   |                  |        |           |                    |
|-------------------|---|------------------|--------|-----------|--------------------|
| Name (Print/Type) | Gunnar G. Leinberg  | Registration No. | 35,584 | Telephone | (585) 263-1014     |
| Signature         |  | (Attorney/Agent) |        | Date      | September 19, 2003 |

SEND TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**EXPRESS MAIL CERTIFICATE**

DOCKET NO. : **4484/101**  
APPLICANT : **James F. Munro**  
TITLE : **DISTANCE MEASURING SYSTEMS AND METHODS  
THEREOF**

Certificate is attached to the **Utility Patent Application Transmittal Letter**  
**(1 pages) in duplicate** of the above-named application.

“EXPRESS MAIL” NUMBER: **EV138587963US**  
DATE OF DEPOSIT: **September 19, 2003**

I hereby certify that this paper or fee is being deposited with the United States  
Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the  
date indicated above and is addressed to Mail Stop: Patent Application, Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Shawn A. Lockett**

(Typed or printed name of person mailing  
paper or fee)

  
(Signature of person mailing paper or fee)

**EXPRESS MAIL CERTIFICATE**

DOCKET NO. : **4484/101**  
APPLICANT : **James F. Munro**  
TITLE : **DISTANCE MEASURING SYSTEMS AND METHODS  
THEREOF**

Certificate is attached to the **Utility Patent Application which includes the Specification, Claims, and Abstract (22 pages) and Signed Combined Declaration and Power of Attorney (2 pages)** of the above-named application.

"EXPRESS MAIL" NUMBER: **EV138587963US**  
DATE OF DEPOSIT: **September 19, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Shawn A. Lockett**

(Typed or printed name of person mailing  
paper or fee)

  
(Signature of person mailing paper or fee)

**EXPRESS MAIL CERTIFICATE**

DOCKET NO. : **4484/101**  
APPLICANT : **James F. Munro**  
TITLE : **DISTANCE MEASURING SYSTEMS AND METHODS  
THEREOF**

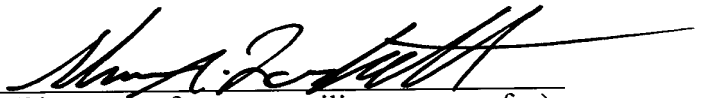
Certificate is attached to the **Drawings (8 pages)** of the above-named application.

“EXPRESS MAIL” NUMBER: **EV138587963US**  
DATE OF DEPOSIT: **September 19, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**Shawn A. Lockett**

(Typed or printed name of person mailing  
paper or fee)



(Signature of person mailing paper or fee)